



The MIT Festival Jazz Ensemble perform with the MIT Wind Ensemble fully in-person for the first time since 2019 during the Family Weekend, Saturday.

RILA SHISHIDO—THE TECH

# MIT alumni can receive IDs to access campus buildings via Tim Tickets app or Atlas center

*Provost Barnhart and EVPT Shor recently sent a survey on campus access for community feedback on multiple public building entrance policy scenarios*

By Kristina Chen  
PUBLISHER

MIT alumni have been granted access to campus buildings via a digital or physical alumni MIT ID card. This new policy has been in place since the week of Oct. 17.

In addition to access to non-residential buildings on campus, the ID provides alumni free entry at the MIT Museum, along with one free guest, and privileges at the Zesiger Sports and Fitness Center and MIT Libraries.

Alumni can receive their alumni ID digitally or physically. To receive a digital ID, alumni must log in to the Tim Tickets mobile app with their Infinite Connection credentials. After logging in, alumni can activate their mobile ID, which serves as a digital ID card and can be used in conjunction with a mobile wallet app.

Alumni can also receive a physical ID card by printing one from

self-service kiosks across campus by using a QR code located in the Tim Tickets app. Alumni that wish to receive a physical ID card without using the Tim Tickets app may contact the Atlas Service Center via email, phone, or in-person services to print a physical card.

For alumni that are current students, faculty, or staff and that have active Kerberos IDs, they may receive an alumni ID by activating their access in COVID Pass in the Atlas app.

Alumni that have active Kerberos IDs but are not current students or employees should contact the MIT Service Desk or specific building access approvers.

Provost Cynthia Barnhart PhD '88 and Executive Vice President and Treasurer Glen Shor invited MIT community members to participate in a survey on campus access Oct. 4–14. The survey was meant to help MIT examine its policies with

respect to building access and included questions soliciting feedback on community preferences and safety concerns for a variety of building access scenarios. The scenarios included 24/7 general public access to all non-residential buildings as well as general public access to all non-residential buildings during limited hours.

Building access policies for non-MIT ID holders remain in place, with most campus buildings accessible only via MIT ID. Visitors may only enter buildings when escorted by an MIT ID holder or when using Tim Tickets.

Additionally, nine buildings are open to the general public, including the first floors of the Ray and Maria Stata Center and Koch Institute, the List Visual Arts Center, the MIT Museum, the MIT Welcome Center, the Stratton Student Center, and the Zesiger Sports and Fitness Center.

**flu vaccines before Nov. 18** in order to access buildings and register for Spring 2023 and IAP.

**Interested in joining The Tech?** Email [join@tech.mit.edu](mailto:join@tech.mit.edu).

**Send news and tips to** [news@tech.mit.edu](mailto:news@tech.mit.edu).

## Diep Luu named inaugural director of Institute Advising Center

Diep Luu will be the inaugural director of the new Institute Advising Center and associate dean in the Office of the Vice Chancellor (OVC) beginning Jan. 1, 2023, according to an Oct. 24 email from Vice Chancellor Ian Waitz.

As director of the advising center, Luu will "provide strategic direction, planning, and management in the launch of the Institute Advising Center," Waitz wrote.

The new advising center will include the Office of the First Year currently under the OVC in addition to providing "broader input on all aspects of advising and mentoring" for undergraduate students. Its goal is to ensure that all undergraduates are given "the 'whole student' experience" while at MIT and are "well supported, both academically and personally."

According to Waitz's email, Luu has 15 years of experience in student advising and mentoring. Luu currently serves as director of student advising and success

at Babson College and was previously director of the College of Liberal Arts and Sciences Academic Advising Center at Lesley University.

Waitz wrote that Luu is "a first-generation college graduate from a low-income background" with "a passion for promoting undergraduate student success" and a commitment "to promoting a diverse and inclusive community."

Luu's research background includes college access and student success among students from refugee backgrounds and minoritized students in higher education.

Luu received his bachelor's in psychology at the University of California, Davis before earning a master's in higher education and student affairs at the University of Connecticut and completing his PhD in educational policy and leadership in higher education at the University of Massachusetts Amherst.

— Kristina Chen



The families of MIT students come together for a picnic on a fine autumn afternoon, Saturday.

## IN SHORT

Nov. 4 is the last day to add half-term subjects offered in the second half of the term or to change grading methods for those subjects.

The Class of 2023 may book senior

**portrait appointments** in W20-407 9 a.m.–4 p.m. from Nov. 7–11. Appointment link: <http://www.our-year.com>

**Nov. 11 is Veterans Day.** No classes will take place.

All students are required to receive



## FLOUR VS. TATTE

A Cambridge rivalry with a less clear winner than Harvard vs. MIT. **ARTS, p. 5**



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## CLIMATE BREAKTHROUGHS

Global warming can only be mitigated through various projects and collaborations. **OPINION, p. 4**

## PROTECTING CAMPUS COMMUNITIES

Departments should not condone hate speech by their invited speakers. **OPINION, p. 4**

## WEATHER

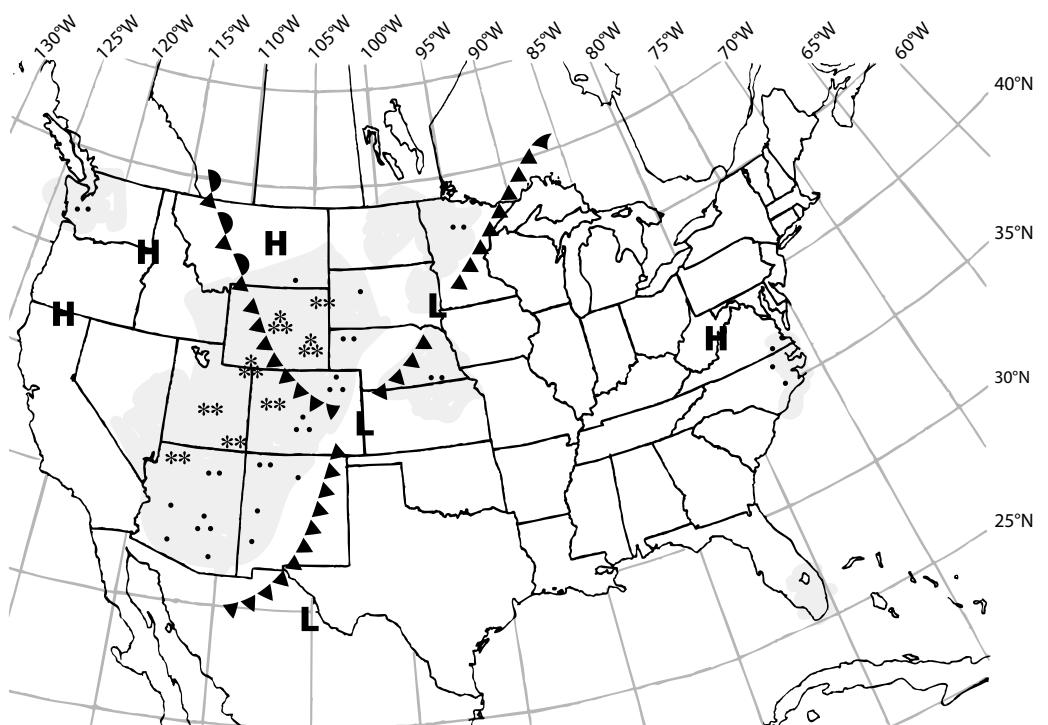
## Can you believe it's November?

By M. Geogdzhayeva

No, neither can I. Why is it so warm? I was walking across campus, basking in the sunlight, feeling so cozy that I caught myself on the thought of "wait, what month is it?" It is, in fact, November, and the sun is shining like half the semester hasn't just passed us by. The whole of New England is in an abnormally warm period this week, with temperatures up to 20°F higher than the climatological average for this time of year.

## Extended Forecast

**Today:** Sunny, high around 66°F (19°C). Southwest winds around 6 mph.  
**Tonight:** Clear skies, low around 49°F (10°C). Southwest winds around 8 mph.  
**Tomorrow:** Mostly sunny. High around 67°F (20°C), low around 54°F (12°C). Southwest winds around 9 mph.  
**Saturday:** Partly sunny. High around 72°F (22°C), low around 64°F (18°C). South winds around 10 mph.  
**Sunday:** Mostly cloudy. High around 73°F (23°C), low around 61°F (16°C). Southwest winds around 10 mph.



Situation for Noon Eastern Time, Thursday, November 3, 2022

Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	— — — Trough	Snow	Fog
L Low Pressure	— — — Warm Front	Rain	Thunderstorm
§ Hurricane	▲▲▲ Cold Front	Showers	Haze
	▲▲▲ Stationary Front	Light	
		Moderate	
		Heavy	

Compiled by MIT Meteorology Staff and The Tech



ALEXA SIMAO—THE TECH

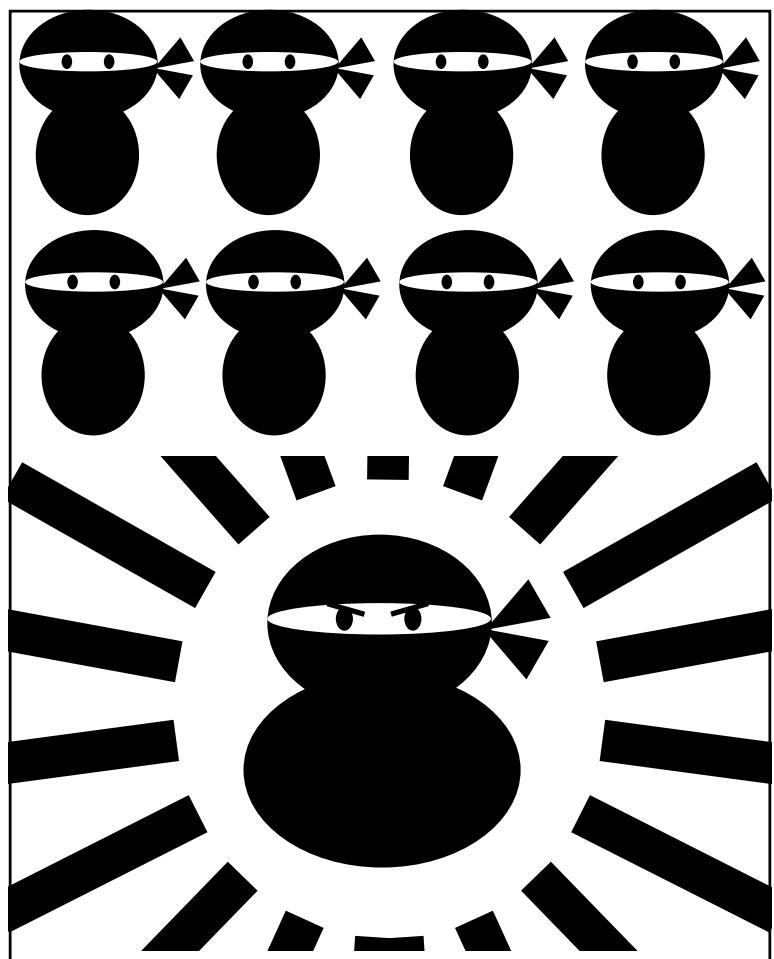
A student dressed as a zombie for Next Haunt, ready to terrify those who venture "Into The Deep" on Halloween weekend, Saturday.



ALEXA SIMAO—THE TECH  
**Pumpkin debris litters the ground surrounding Tang Hall** after Stickman's annual Pumpkin Drop, Saturday.



KEVIN PHO—THE TECH  
**Sigma Kappa hold their Spooky Late Night** featuring performances from sororities, fraternities, dance groups, and more, Sunday.

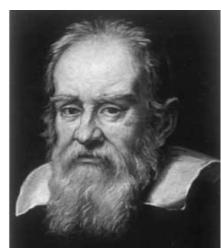


## WE'RE SEEKING TO BUILD OUR FORCES

**JOIN@TECH.MIT.EDU**



Email us at  
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Do you have to worry that you'll get into trouble if you voice an opinion the some one thinks you shouldn't hold?



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## Feeling pressured to experiment on animals?

If you've been told that you *must* use animals to obtain your degree but feel there should be a better way, we can help. Please contact us at [SAO@peta.org](mailto:SAO@peta.org).



**Peta**

[TestSubjectsFilm.com](http://TestSubjectsFilm.com)

## OPINION OPINION OPINION OPINION OPINION



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## GUEST COLUMN

# MIT must protect campus communities against hate speech and hostility

*Departments should be held responsible for their invited speakers' ideas*

By Michelle Fisher

When academic departments give a platform and MIT funding to any speaker, the aegis of free speech does not relieve the department from the consequences of that speech. If a sponsoring department invites and funds a speaker who espouses hate, then, while it may not be their intent, the funder has de facto endorsed that hatred. Clearly, hate speech should not be given by any MIT department's imprimatur.

On Oct. 22, MIT Women's and Gender Studies, Anthropology, the Center for International Studies, and the MIT Libraries sponsored a visit to campus by Mohammed El-Kurd, a speaker who has tweeted glorifications of and promoted violence against Israelis and anyone who supports the State of Israel.

During El-Kurd's talk, he asked MIT students in the audience to create a database of former Israeli soldiers who are the founders of companies in order to, in effect, doxx them. Given that every Israeli is required by law to complete mandatory army service, this request puts a target on nearly every Israeli citizen, including members of our own MIT community.

Free speech is a fundamental value of our American society and a necessary

right for growth and the exploration of ideas, and robust dialogue about all difficult issues, including the Israeli-Palestinian conflict, should be encouraged. The only way to engage in the issues that matter is through honest discussion, especially at a place like MIT, where some of the world's brightest and most thoughtful people try to solve global problems.

## Clearly, hate speech should not be given by any MIT department's imprimatur.

At the same time, the responsibility inherent in robust free speech is that all people must listen carefully to what is being said and take seriously the threat of legally protected speech that is morally and ethically wrong.

At a time when antisemitic attacks are on the rise on campuses across the country, we must call out speakers who utilize discriminatory speech. Hateful language, language that provokes violence, and language that targets individuals or groups because of who they are must be noticed

and not overlooked. For our society to continue to thrive, and for the MIT community to continue to be a safe place for minority students to live and learn, hate speech must be named and condemned.

Every department who sponsored the Oct. 22 lecture had an ethical responsibility to vet the speaker they helped bring to campus and to hold themselves accountable for the ideas they helped fund. If the MIT community were to act on the recommendations El-Kurd made while speaking here, students on our campus would be endangered because of their national or religious identities.

It would be a stain on our institute if our administration continues to fall back on the false assumption that a commitment to free speech is a commitment to unchecked speech. Refusing to acknowledge this distinction threatens our community's safety and well-being. I invite all members of the MIT community entrusted with leadership positions and the allocation of funds to take steps to protect our campus from hostility directed toward any minority community. Together, we can ensure that MIT remains a place where students of all backgrounds and perspectives can flourish without fear.

*Rabbi Michelle Fisher SM '97 is the Executive Director of MIT Hillel.*

## GUEST COLUMN

# Radical breakthroughs for climate change? First we must deploy existing technologies

*Carbon capture and geoengineering won't save us*

By John Sterman

In a recent opinion piece in *The Tech*, MIT alumni Tom Hafer '70 and Henry Miller '69 argued that MIT should focus on direct air capture and geoengineering to combat climate change, asserting that renewable energy and vehicle electrification are "well-intentioned but ineffective" ways to cut greenhouse gas (GHG) emissions. To bolster their argument, the authors cited En-ROADS, the climate solutions simulator co-developed by our team at the MIT Sloan Sustainability Initiative and Climate Interactive. We're always thrilled when people use science-based tools like En-ROADS; however, En-ROADS does not support the claims Mr. Hafer and Mr. Miller make.

The authors simulated policies to encourage renewable energy and transport electrification alone, ignoring the many other actions we can take now with existing technologies. As MIT's Fast Forward climate plan states, "we must go as far as we can, as fast as we can, with the tools and methods we have now." These include renewables and electric vehicles, but also electrifying buildings and industries, increasing end-use efficiency throughout the economy, phasing out coal, reducing deforestation, pricing carbon pollution, and cutting emissions of methane, fluorocarbons, and nitrous oxide — all powerful GHGs.

Instead of hoping for a silver bullet like carbon dioxide removal, limiting global warming requires what Bill McKibben calls "silver buckshot." En-ROADS enables users to build many such scenarios, including plenty that don't rely on speculative technologies requiring breakthroughs that cannot be counted on to occur in time, if ever.

One example scenario built in En-ROADS promotes renewables and electrification, but also energy efficiency, phasing out new investment in fossil fuels, reducing deforestation and promoting afforestation, and reductions in other GHGs — not unlike the approach in the Inflation Reduction Act and the Kigali Amendment to the Montreal Protocol, which the U.S. recently ratified.

Another takes a more market-based approach including some of the actions above and an \$80/ton price on carbon emissions. Carbon pricing — a policy supported by the late George Schultz (MIT PhD '49 and Secretary of State under President Reagan) and many others — already exists in 68 countries and subnational jurisdictions around the world. Broader participation and higher prices, with the revenue returned to the people as a carbon dividend, would create powerful incentives for decarbonization and efficiency, while protecting the poor and boosting equity. Instead of picking winners and losers, carbon pricing gives all zero- and low-carbon technologies a chance to prove themselves, includ-

ing those championed by Mr. Hafer and Mr. Miller.

These are just two of many successful scenarios you can build in En-ROADS that don't require radical technological breakthroughs. Don't take my word for it. Try it yourself at [en-roads.climateinteractive.org](http://en-roads.climateinteractive.org).

Big breakthroughs might help in the long run. But even if joyful shouts of "Eureka" came from our labs tomorrow, it would take a decade or more to commercialize and begin to scale them. That's time we don't have. Consider an En-ROADS scenario with significant breakthroughs right now in direct air capture, other carbon dioxide removal technologies, carbon capture and sequestration, and cheap fusion power. Warming by 2100? Far beyond the 1.5-2°C above preindustrial temperatures scientists and nations around the world agree we must not exceed.

To build a prosperous, healthy, safe, and equitable society we must cut emissions nearly in half by 2030 and reach net zero by mid-century. To do so we must deploy the fruits of all the breakthroughs we've already made. Everyone at MIT — faculty, students, staff, and alumni, from every discipline and department — is needed in this urgent and exciting work.

*John Sterman is the Jay W. Forrester Professor of Management at the MIT Sloan School and faculty director of Sloan's Climate Pathways Project.*

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**Dissents** are the signed opinions of editorial board members choosing to publish their disagreement with the editorial.

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Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority.

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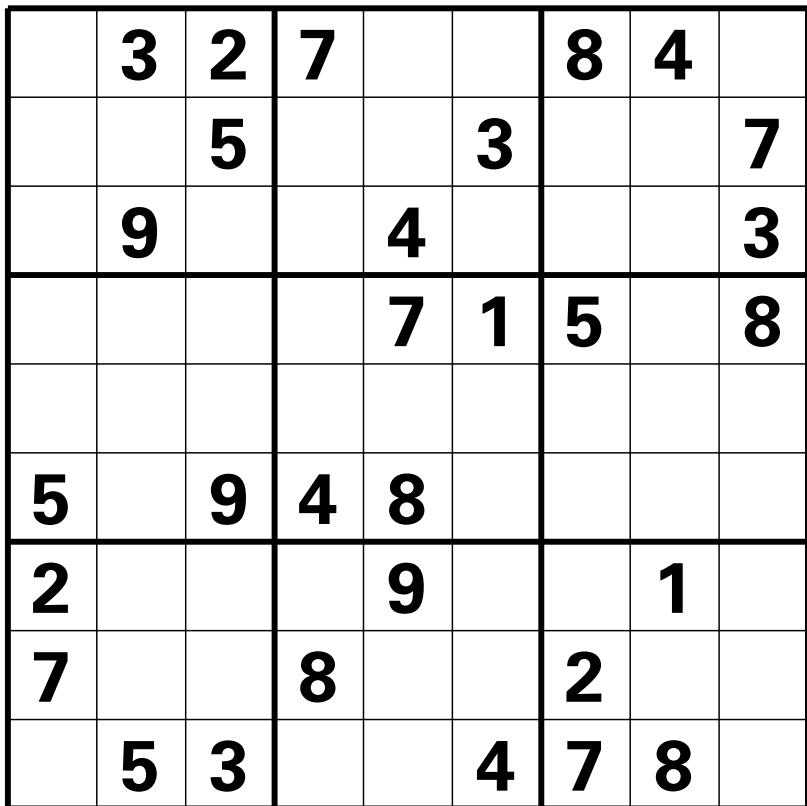
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**FUN** **FUN** **FUN** **FUN** **FUN** **FUN**

# November

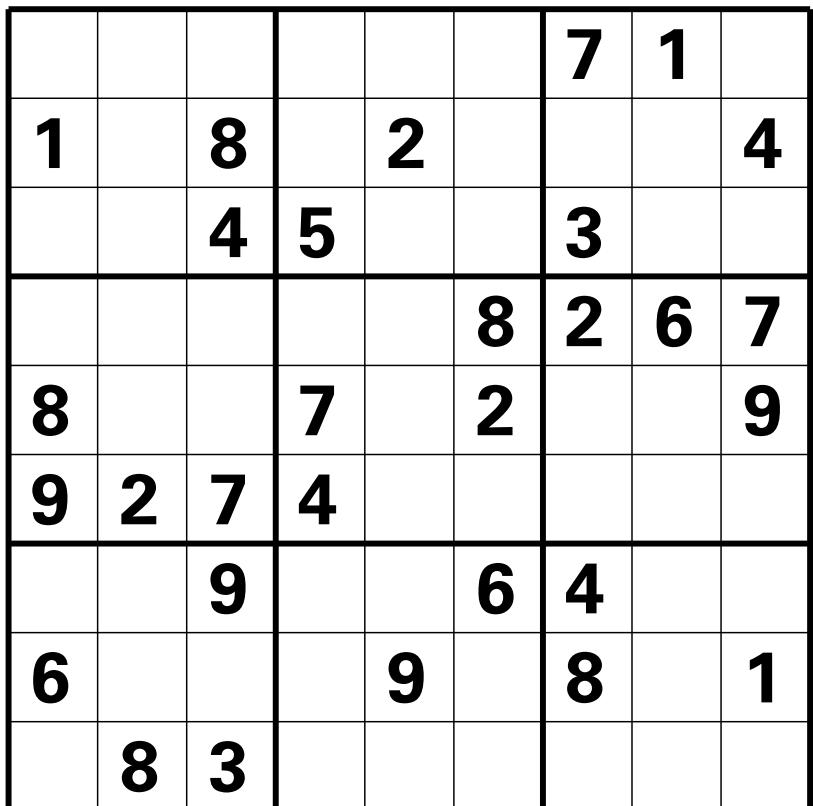
### Solution, page 3



Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

# Nutella

### Solution, page 3



Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

# Trick or Treat by Sally R. Stein

Solution, page 3

ACROSS

<b>ACROSS</b>	
1	Have on, as clothes
5	Land parcels to build on
9	Light spray
13	Person's specialty
14	Declare firmly
15	Vicinity
16	Greatly impressed
17	"Million" prefix for bytes
18	Bride's dress
19	TREATment for a cold's congestion
21	Rustic hotels
22	Two-speaker sound systems
23	Fraction of a minute: Abbr.
25	Lavishes affection (on)
29	Of a metropolis
33	Hawaiian figurine
37	"You can say __ again!"
38	French-speaking Caribbean country
39	Royal decree
41	Letters on Postal Service stamps
42	First phase
43	Big brawl
44	Begin to thaw
46	Identical
47	Trails to hike on
48	Earnest requests
50	Football tiebreaker periods: Abbr.
52	Most up-to-date
57	Gator's cousin
60	TREAT with gratitude
64	Loss of water from a pipe
65	Oahu feast
66	Boca __, FL
67	Initial poker payment
68	In the center of
69	Build, as a building
70	Fond of snooping
71	Take a bold chance
72	Without any light
<b>DOWN</b>	
1	Was victorious with
2	Clean off a blackboard
3	Engaged in combat
4	Walked unsteadily
5	Tabletop light source

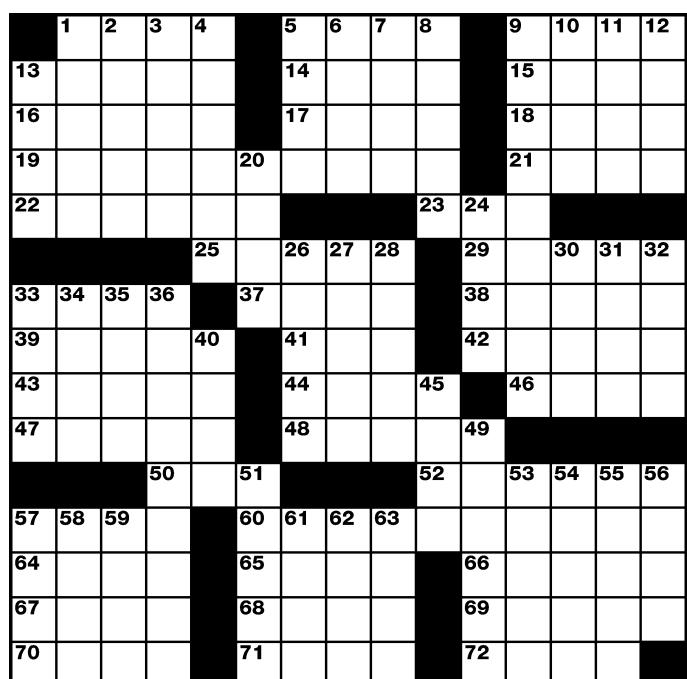
**DOWN**

1 Was victorious with	36 Winter
2 Clean off a blackboard	TRICK
3 Engaged in combat	goals
4 Walked unsteadily	40 School
5 Tabletop light source	45 Colorful

- 6 Turn \_\_ a new leaf
- 7 Garment in old Rome
- 8 Moves in the breeze
- 9 TRICKsters performing for an audience
- 10 Pants-pressing appliance
- 11 Used needle and thread
- 12 Light brown shades
- 13 Shark's appendages
- 20 Chimney dust
- 24 Bounce back, as a sound
- 26 Heavy knock
- 27 Three-legged painting stand
- 28 Not fresh, as bread
- 30 Passport stamp
- 31 Line on a shopping list
- 32 Quote as a source
- 33 Part-time worker, for short
- 34 Notion
- 35 Bagpiper's garment

36 Winter sport with a "hat TRICK" for scoring three goals	51 Dinner course with lettuce
40 School exam	53 Small jeweled crown
45 Colorful story	54 Restaurant customer
	55 Have available for sale
	56 Camper's canvas shelter

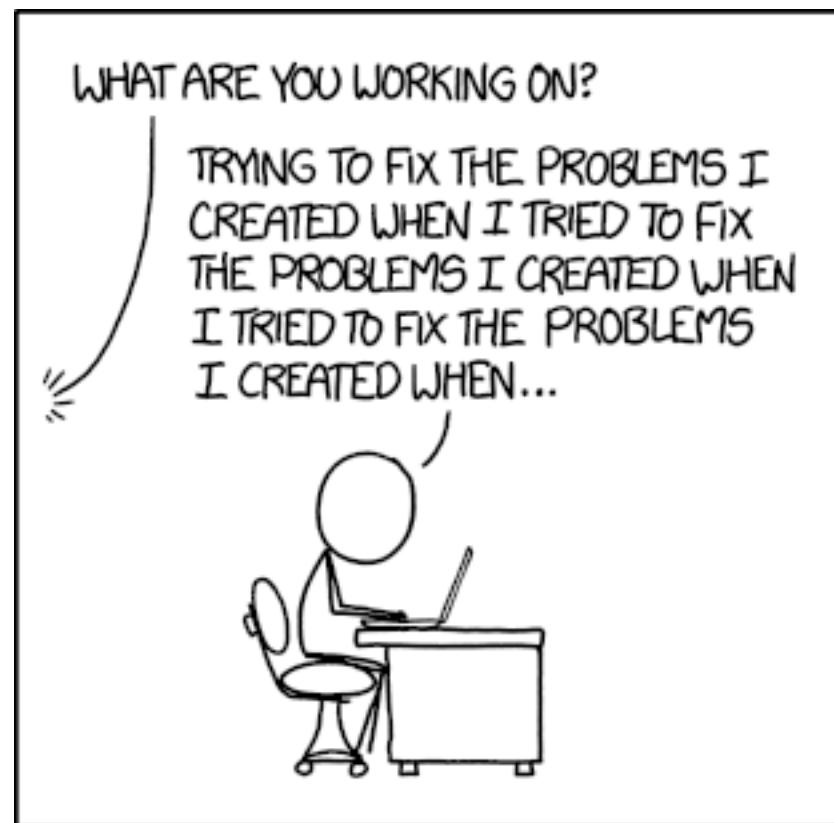
- 57 Big family
- 58 Nevada casino city
- 59 Grains in granola bars
- 61 Mountain lion
- 62 Set of socks
- 63 Impolite



## [1739] Fixing Problems



**A WEBCOMIC OF ROMANCE,  
SARCASM. MATH. AND LANGUAGE**  
by Randall Munroe



What was the original problem you were trying to fix? "Well, I noticed one of the tools I was using had an inefficiency that was wasting my time;



## [2387] Blair Witch

OTHER THAN THE FAKE 1999 VIDEO, THERE HAVE BEEN NO BLAIR WITCH SIGHTINGS IN 30+ YEARS. THE IUCN REDLIST SAYS THE WITCH IS "POSSIBLY EXTINCT IN THE WILD."



DEVELOPMENT IN THE MARYLAND SUBURBS HAS FRAGMENTED THE SPOOKY FOREST HABITAT. CLIMATE CHANGE WILL PUSH ANY REMNANT POPULATIONS NORTH.



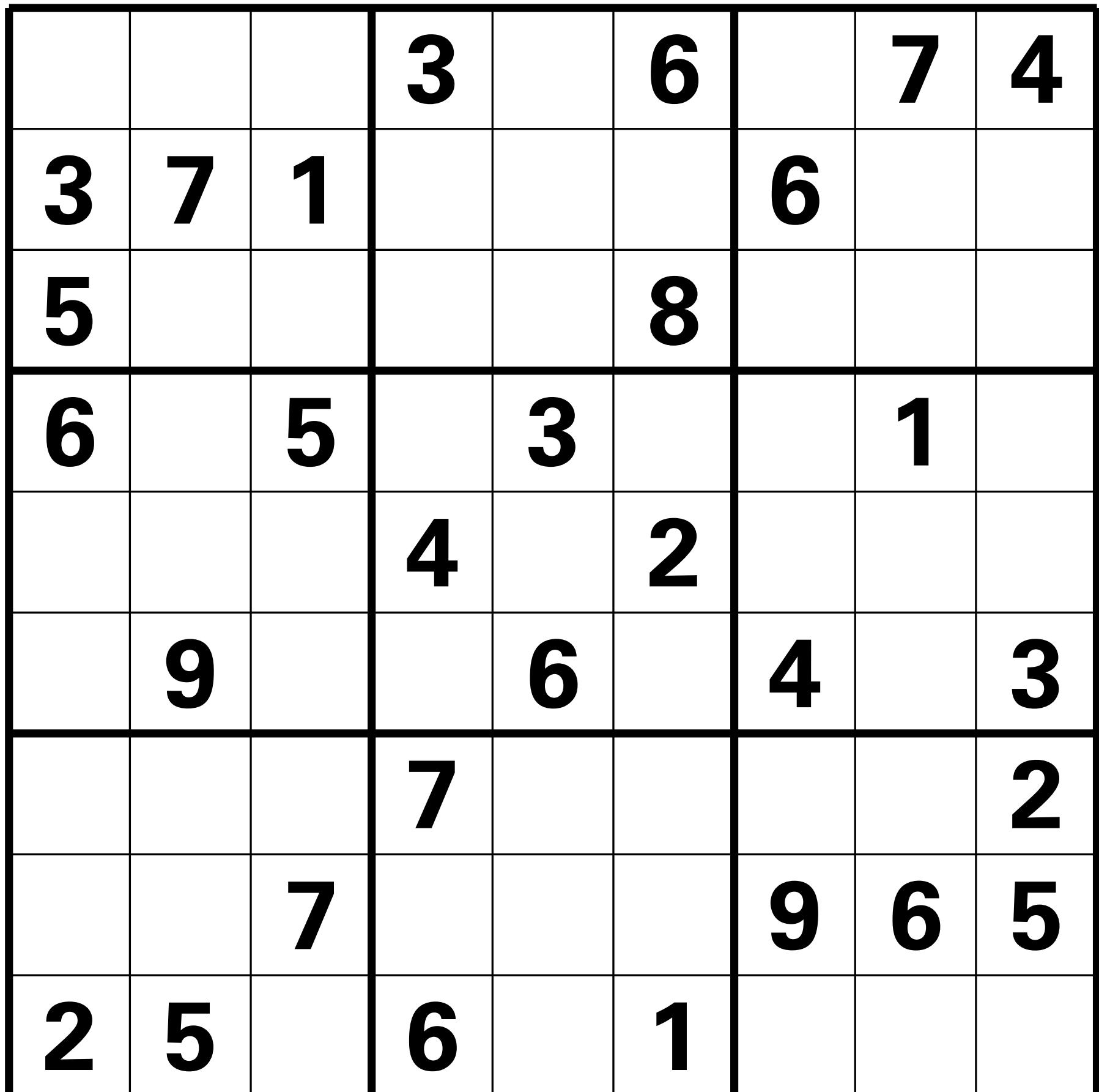
THAT'S WHY WE PLAN TO CAPTURE ANY SURVIVING WITCHES AND ESTABLISH A BREEDING POPULATION. THEN, IN TIME, THE BLAIR WITCH REINTRODUCTION PROJECT CAN BEGIN.



"Are you concerned the witches won't breed in captivity?" "Honestly, we're more concerned that they will. We don't know what it involves, but our biologists theorize that it's harrowing."

# Nonetheless

### Solution, page 3



Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

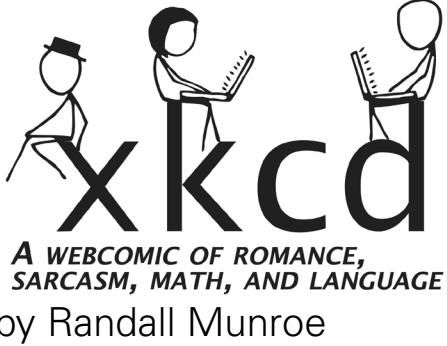
# Next

### Solution, page 3

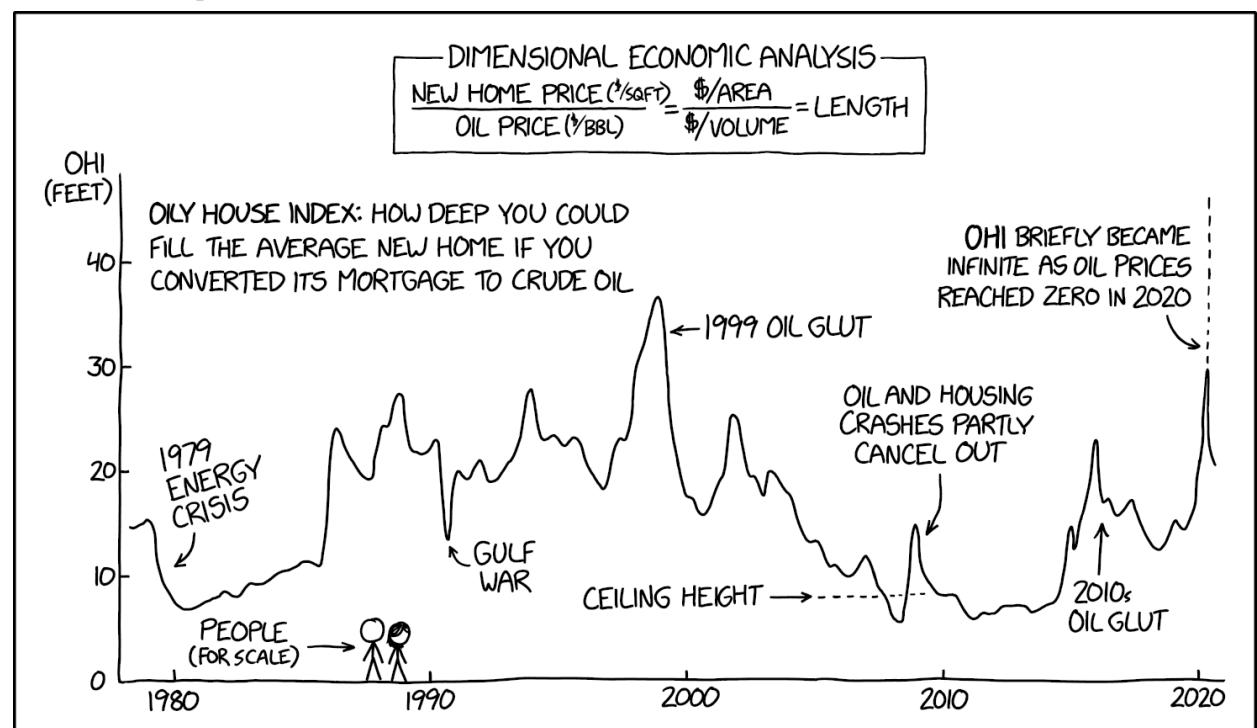
	1				5	9		
		3		2	1		8	5
8	5		3					
				3				2
5	4						3	6
3				4				
					6		1	9
1	7		8	9		6		
		6	1				7	

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

## [2327] Oily House Index



## *SARCASM, MATH, AND LANGUAGE* by Randall Munroe



Well, I think I will do that. I'm going to take a look at the new place in Watertown.